

Appendix E

Electronic Sites

Tables 1, 2, 3, and 4 provide a listing of existing and proposed electronic sites on the Tongass National Forest. These sites are used for electronic communication systems, including electronic transmitters, receivers, and resource monitoring equipment. An electronic site is a parcel of National Forest System land on which buildings, antenna towers, and other electronic equipment designed for communication are located. These uses are authorized by the Federal Land Policy and Management Act of 1976 (FLPMA, 43 U.S.C. 1761) (FSM 2720).

Table 1 is an update of the listing of designated sites included in Appendix E of the 1985-86 Amendment to the Tongass Land Management Plan (USDA Forest Service, 1985-86, Alaska Region Admin. Doc. Number 147). Errors in that previous listing have been corrected. Table 2 lists sites that were existing prior to 1985 but were inadvertently omitted from Appendix E of the 1985-86 Amendment. Table 3 lists additional existing electronic sites that were designated through other means than the Forest Plan. Table 4 lists sites that have not yet been designated as electronic sites and which will require a separate analysis for designation. If not already identified in documents designating individual electronic sites, the primary types of use at each site will be identified in the individual site plans.

Electronic sites have been analyzed during the Forest Plan Revision to determine geographic areas of coverage within the Forest. Results of this study are contained in the Tongass Plan Revision planning record. This analysis identified areas adequately covered by existing and proposed electronic sites, and areas where such coverage is lacking and which may require additional future sites. The study was accomplished using computer modeling with the assistance of the U.S. Department of Commerce, National Telecommunications and Information Administration (NTIA). Although this study will not directly result in the designation of new electronic sites, it will provide data necessary for site-specific analyses that may result in the designation of new electronic sites in the future.

Electronic Sites

Table 1.
Electronic sites previously designated in the Forest Plan.¹

Area and District	Site Name	Site Location	Site Size (in acres)	Permittee or Owner	Elevation (in feet)
STIKINE AREA:					
Petersburg	Lindenberg Peak	SW4NE4, Sec. 23, T59S, R78E, CRM 56° 44' 38" N, 133° 04' 30" W	1	Forest Service Communications Unlimited (VHF/UHF)	3,249
Petersburg	Farragut Peak (Previously designated as Franklin Peak)	NE4, Sec. 8, T55S, R78E, CRM 75° 07' 22" N, 133° 02' 35" W	1	Forest Service (VHF repeater)	3,810
Petersburg	Kuiu Mtn. #2	NW4, Sec. 9 T61S, R73E, CRM 56° 36' 42" N, 132° 02' 50" W	1	Forest Service, Icicle (VHF)	3,355
Petersburg	Duncan Canal	SW4NW4, Sec. 17, T59S, R78E, CRM 56° 45' 12" N, 133° 09' 50" W	2	ATT/Alascom, Coast Guard	2,606
Petersburg	Petersburg Mtn.	SW4SW4, Sec. 21, T58S, R79E, CRM 56° 49' 33" N, 132° 59' 10" W	1	ATT/Alascom (passive microwave)	1,600
Wrangell	Horn Cliff	SW4NW4, Sec. 14, T58S, R80E, CRM 56° 50' 50" N, 132° 46' 35" W	1	ATT/Alascom (passive microwave)	2,880
Wrangell	Elbow Mtn.	NW4, Sec. 3, T60S, R86E, CRM 56° 42' 12" N, 133° 52' 45" W	1	Forest Service (micro wave/VHF)	3,900
Wrangell	Fools Peak	SW4, Sec. 21, T65S, R87E, CRM 56° 13' 02" N, 131° 58' 27" W	1	Forest Service (VHF repeater)	3,133
Wrangell	Kashevarof (Shrubby Island)	NW4, Sec. 13, T65S, R80E, CRM 56° 04' 10" N, 132° 58' 35" W	1	ATT/Alascom (microwave)	500
Wrangell	Navy Peak	NW4SW4, Sec. 15, T66S, R84E, CRM 56° 08' 45" N, 132° 24' 37" W	2	unoccupied	3,665
CHATHAM AREA:					
Sitka	Moore Mtn.	NW4NE4, Sec. 31, T49S, R64E, CRM 57° 35' 04" N, 135° 11' 58" W (NTIA run at both 200 MH and 450 MH.)	1	Alaska Pulp Corp., Forest Service	3,075
Sitka	Steelhead	NW4SE4, Sec. 13, T47S, R59E, CRM 57° 47' 27" N, 135° 56' 26" W	1	Forest Service	2,339
Sitka	South Passage	Sec. 36, T47S, R64E, CRM 57° 44' 48" N, 134° 58' 04" W	5	ATT/Alascom	2,031
Sitka	Rodman Bay	SW4, Sec. 4, T52S, R63E, CRM 57° 22' 55" N, 135° 18' 45" W	2	ATT/Alascom	3,100
Sitka	Upper Kruzof	SE4NW4, Sec. 18, T53S, R61E, CRM 57° 16' 30" N, 135° 46' 36" W	1	Forest Ser., Island Communications	2,350
Sitka	Mud Bay	SE4SW4, Sec. 25, T54S, R61E, CRM 57° 09' 09" N, 135° 38' 45" W	1	ATT/Alascom, Forest Ser., Coast Guard (VHF/FM)	1,055
Sitka	Manley Mtn.	Sec. 7, T55S, R66E, CRM 57° 06' 55" N, 134° 18' 30" W (NTIA run was with incorrect lat/long)	5	Alascom, Forest Service	2,214
Sitka	Mt. Furuheim Area	SW4SW4, Sec. 18, T56S, R66E, CRM 57° 00' 52" N, 134° 59' 17" W	1	Forest Service	5,328
Sitka	Biorka Island	NE4, Sec. 7, T58S, R63E, CRM 56° 51' 32" N, 135° 33' 40" W Non-NFS land administered by FAA.	151	FAA, Forest Service	230
Hoonah	Pelican	SE4SE4, Sec. 26, T44S, R55E, CRM 58° 01' 08" N, 136° 22' 04" W	1	ATT/Alascom	2,095
Hoonah	Adolphus	NE4NE4, Sec. 6, T49S, R59E, CRM 58° 15' 06" N, 135° 48' 42" W	0.43	ATT/Alascom	1,670
Hoonah	Neka Mtn.	SW4NW4NW4, Sec. 33, T43S, R59E, CRM 58° 06' 11" N, 135° 47' 15" W	1	Forest Service	3,139
Hoonah	Sisters Island	E2NW4, Sec. 3, T43S, R62E, CRM 58° 10' 20" N, 135° 15' 24" W	42	FAA	30
Juneau	Bessie Mtn.	SW4, Sec. 16, T38S, R64E, CRM 58° 34' 43" N, 134° 51' 16" W	0.9	ATT/Alascom	2,850

Area and District	Site Name	Site Location	Site Size (in acres)	Permittee or Owner	Elevation (in feet)
Juneau	Auke Mtn. #1	NW4NE4, Sec. 20, T40S, R65E, CRM 58° 23' 26" N, 134° 42' 37" W	0.7	Forest Service, ATT/Alascom	1,870
Juneau	Beezer Mtn.	SE4, Sec. 13, T49S, R74E, CRM 57° 37' 06" N, 133° 27' 25" W	1	Forest Service	4,100
Juneau	William Henry Peak	SE4SW4, Sec. 17, T36S, R61E, CRM 58° 44' 50" N, 135° 17' 00" W	1	Forest Service	3,458
Juneau	Point Howard	E2, Sec. 3, T41S, R63E, CRM 58° 20' 23" N, 135° 04' 38" W	1.3	ATT/Alascom	1,748
Juneau	Mt. Robert Barron	SE4, Sec. 18, T42S, R65E, CRM 58° 13' 38" N, 134° 50' 21" W	1	Forest Ser., Coast Guard, FAA, AK Div. Telecom., Temsco Helicopters (VHF/FM)	3,475
Admiralty	Washburn Peak (Previously designated as Randolph Peak)	NE4SW4, Sec. 14, T46S, R70E, CRM 57° 49' 51" N, 133° 56' 52" W	1	Snettisham	1,400
Admiralty	Wheeler Creek	NW4, Sec. 28, T44S, R65E, CRM 58° 01' 58" N, 134° 41' 49" W	1	ATT/Alascom	100
Admiralty	Windfall Harbor	SW4NW4, Sec. 34, T47S, R69E, CRM 57° 45' 15" N, 134° 13' 30" W	1	Forest Service	2,920
Admiralty	Angoon Admin. Site	SW4, Sec. 31, T50S, R68E, CRM 57° 30' 02" N, 134° 34' 44" W. Most of site is either city or Kootznoowoo land, except for a small sliver of NFS.	1	ATT/Alascom	100
Yakutat	Russell Fiord #1	NW4NE4, Sec. 3, T24S, R34E, CRM 59° 51' 33" N, 139° 36' 20" W	1	unoccupied	3,950
Yakutat	Akwe River	SW4SW4, Sec. 9, T30S, R39E, CRM 59° 20' 40" N, 139° 53' 50" W	5	FAA, Forest Service	1,210
KETCHIKAN AREA:					
Craig	1/2 Mile	SW4NW4, Sec. 6, T73S, R82E, CRM 55° 34' 13" N, 133° 00' 54" W. Located on private land owned by Klawock Heenya Corp.	1	ATT/Alascom	2,166
Craig	Hill 1400	Section 31, T75S, R82E, CRM 55° 19' 25" N, 133° 00' 21" W	1.25	ATT/Alascom	1,399
Ketchikan	Bell Island	SE4, Sec. 11, T68S, R89E, CRM 55° 54' 30" N, 131° 42' 05" W	0.5	unoccupied	2,000
Ketchikan	Black Mountain #1	NW4, Sec. 14, T75S, R92E, CRM 55° 17' 30" N, 131° 22' 00" W	0.25	Rainbird Broadcasting	2,052
Ketchikan	Betton Head	SE4, Sec. 25, T73S, R89E, CRM 55° 30' 32" N, 131° 49' 21" W	0.46	Rainbird Broadcasting	1,138
Ketchikan	High Mtn. (Gravina)	SW4, Sec. 18, T75S, R90E, CRM 55° 21' 45" N, 131° 45' 15" W (NTIA run at both 200 MH and 450 MH.)	0.01	Rainbird Broadcasting Alaska Aviation, KPU, Pond Reef Fire Dept., Forest Service, Temsco, Communication, FAA, Coast Guard	2,506
Thorne Bay	Cape Pole	NE4SE4NW4, Sec. 22, T68S, R75E, CRM 55° 57' 57" N, 133° 47' 33" W	0.04	ATT/Alascom	10
Thorne Bay	Ratz Mtn. #1	SE4, Sec. 9, T70S, R83E, CRM 55° 37' 07" N, 132° 22' 39" W	0.1	ATT/Alascom	2,862
Thorne Bay	Ratz Mtn. #2	SE4SE4, Sec. 26, T69S, R82E, CRM 55° 51' 10" N, 132° 47' 30" W	0.005	South Coast	3,161
Thorne Bay	Ratz Mtn. #3	SE4, Sec. 26, T69S, R82E, CRM 55° 51' 10" N, 132° 47' 30" W	1	Alaska Aviation, Alaska Loggers	3,156
Thorne Bay	Coffman	SE4, Sec. 35, T67S, R81E, CRM 56° 48' 02" N, 132° 48' 16" W	0.156	ATT/Alascom, Sitka Telephone	30
Thorne Bay	Thorne Bay	NW4NW4, Sec. 27, T71S, R84E, CRM 55° 41' 30" N, 132° 31' 30" W Located on private land.	0.45	ATT/Alascom	87
Thorne Bay	Tolstoi II	Section 16, T72S, R85E, CRM 55° 37' 07" N, 132° 22' 39" W	1	ATT/Alascom	2,210
Misty Fiords	Quartz Hill	SE4, Sec. 35, T74S, R98E, CRM 55° 18' 10" N, 130° 32' 10" W	0.1	Cominco	3,800

Electronic Sites

Area and District	Site Name	Site Location	Site Size (in acres)	Permittee or Owner	Elevation (in feet)
Misty Fiords	High Mtn. (Revilla)	NE4, Sec. 19, T80S, R97E, CRM 54° 55' 05" N, 130° 50' 26" W	0.459	ATT/Alascom (Proposed for Forest Service)	1,976
Misty Fiords	Mt. Dolly	NE4, Sec. 18, T68S, R100E, CRM 55° 58' 16" N, 130° 00' 30" W	0.5	Tenajon Resources (Proposed for Forest Service)	5,475

¹ The sites described in Table 1 were previously designated as electronic sites in Appendix E of the 1985-86 Amendment to the Tongass Land Management Plan (USDA Forest Service, 1985-86, Alaska Region Admin. Doc. Number 147). These previous designations are hereby confirmed for those sites located on lands which are still within the National Forest System.

Table 2.
Electronic sites existing prior to 1985 which were inadvertently omitted from the 1985-86 Forest Plan Amendment.¹

Area and District	Site Name	Site Location	Site Size (in acres)	Permittee or Owner	Elevation (in feet)
STIKINE AREA:					
Petersburg	Cape Fanshaw	SE4, Sec. 10, T54S, R75E, CRM 57° 12' 22" N, 133° 28' 07" W. State selection. Occupancy authorized by Regional Forester in MOU with Coast Guard dated 9/4/74.	2	FAA, Coast Guard (VHF/FM)	2,100
Petersburg	Level Island	Section 28, T62S, R79E, CRM 56° 28' 05" N, 133° 05' 00" W. Site was established in 1964 and authorized by MOU.	120	FAA (VHF)	25
Petersburg	Kuiu Mtn. #1	SW4NW4, Sec. 5, T61S, R73E, CRM 56° 36' 45" N, 134° 02' 07" W. Site was established prior to 1980 and authorized by MOU.	2	FAA (VHF)	3,500
Wrangell	Etolin (Keating)	W2SW4, Sec. 17, T66S, R83E, CRM 56° 08' 50" N, 132° 37' 20" W Site was established approximately 1979.	1	Forest Service (VHF repeater)	3,051
Wrangell	Zarembo	SE4SW4, Sec. 1, T64S, R80E, CRM 56° 20' 45" N, 132° 51' 35" W Under permit to TEMSCO prior to 1985.	2	Coast Guard (micro wave/ VHF)	2,444
Wrangell	Etolin Island Comm. Site	NW4, Sec. 22, T66S, R84E, CRM 56° 08' 12" N, 132° 24' 08" W. Site was established in middle 1960s for ATT/ALASCOM, who occupied it until 1983, at which time Alaska Energy Authority began occupancy of site.	1	AK Energy Authority, Communications Unlimited	3,500
CHATHAM AREA:					
Hoonah	Point Althorp	E2, Sec. 33, T44S, R55E, CRM 58° 05' 36" N, 136° 24' 46" W. Site was established October 1979. Coast Guard requested the site be added to MOU, in letter dated 9/8/86.	2	Coast Guard (VHF/FM)	2,393
Juneau	Point Bishop	NW4, Sec. 28, T42S, R69E, CRM 58° 12' 12" N, 134° 08' 36" W. Uses were approved by 9/2/82 Regional Forester letter.	0.1	National Weather Service	20
Juneau	Heintzleman Ridge	SW4, Sec. 29, T40S, R66E, CRM 58° 22' 12" N, 134° 32' 54" W Site was established 9/9/68.	1	KJUD, KSUP	1,400
Juneau	Speel Point	NW4, Sec. 19, T43S, R72E, CRM Site was constructed in 1968 under MOU with DOA Corps of Engineers (Supplemental MOU Amend. #1 4/26/68).	0.1	Alaska Power Administration	1,400
Juneau	Sullivan River	NE4, Sec. 23, T34S, R60E, CRM 58° 54' 31" N, 135° 21' 18" W Site was established 4/6/81.	0.9	ATT/Alascom	182
KETCHIKAN AREA:					
Craig	Sukkwan Island VHF-FM Site	NE1 4NW1 Sec. 21, T78S, R82E, CRM 55° 06' 36" N, 132° 46' 22" W	2	Forest Service, Coast Guard	2,160
Ketchikan	Shoal Cove	Secs. 22 and 23, T74S, R93E, CRM 55° 26' 26" N, 131° 15' 25" W. Site was authorized by R-10/USCG MOU of 12/7/75.	241	U.S. Coast Guard (Loran C Station)	300

¹ The sites listed in Table 2 were existing prior to 1985 but were inadvertently omitted from the listing in the 1985-86 Forest Plan Amendment which designated then-existing sites. Those sites in Table 2 which are located on lands still within the National Forest System are hereby designated as electronic sites for future additional joint occupancy and use, as provided in Forest Service Manual 2728.

Electronic Sites

Table 3.

Electronic sites designated other than in the Forest Plan or through analysis and amendment to the Forest Plan separate from those listed and discussed above.¹

Area and District	Site Name	Site Location	Site Size (in acres)	Permittee or Owner	Elevation (in feet)
STIKINE AREA:					
Petersburg	Crystal Mountain	SW4NW4, Sec. 13, T61S, R80E, CRM 56° 35' 05" N, 132° 51' 55" W. Analyzed in an FEIS titled Crystal Mountain Communication Site Designation (Alaska Region Doc. R10-MB-147, dated August 1991) and designated by Deputy Regional Forester in ROD, 8/6/91.		Crystal Mtn. Comm. (VHF/UHF)	3,317
CHATHAM AREA:					
Juneau	Salisbury Ridge	SE4SE4, Sec. 5, T42S, R69E, CRM EA/DN/FONSI signed by Forest Supervisor on 12/27/93 designated site in a non-significant amendment to the Forest Plan.		Forest Service radio repeater	3,000
Juneau	Williams Mtn. (Proposed)	SW4, Sec. 7, T43S, R70E, CRM 58° 09' 09" N, 134° 01' 55" W. Designated by EA approved 6/5/91 by Regional Forester.	1	FAA	3,336
Admiralty	Greens Creek	Three sites for microwave use by KGCMC. (1) SE4, Sec. 11, T44S, R65E, CRM 58° 03' 28" N, 134° 44' 15" W. Repeater tower on ridge south of Greens Creek. (2) SW4, Sec. 4, T44S, R66E, CRM 59° 05' 05" N, 134° 37' 54" W. Tower and dish at millsite. (3) Private land at Hawk Inlet. Both NFS sites designated by EA approved 5/26/93 by Forest Supervisor. (Sites have not been analyzed by NTIA)	.17 100 sq. ft.	KGCMC	1,550
Yakutat	Russell Fiord #2	Section 7, T26S, R36E, CRM 59° 40' 40" N, 139° 22' 35" W. Designated by EA approved 8/28/87 by Regional Forester.	1	Forest Service	2,505
KETCHIKAN AREA:					
Ketchikan	Mt. Lazaro (Duke Island)	S2, Secv. 35, T80S, R93E, CRM 54° 52' 40" N, 131° 22' 35" W. Designated by DN & FONSI approved by Forest Supervisor on 12/6/94.	.01	Coast Guard	1,720
Ketchikan	Saw Ridge	NE4, Sec. 25, T76S, R93E, CRM 55° 15' 25" N, 131° 12' 22" W. Designated by an EA titled "FAA Remote Communication Outlet (RCO)", approved by Regional Forester on 5/27/88.	1	FAA	2,250

¹ The sites listed in Table 3 have been designated as electronic sites through separate analysis and designation.

Table 4.
Sites not yet designated as electronic sites.

Area and District	Site Name	Site Location	Site Size (in acres)	Permittee or Owner	Elevation (in feet)
STIKINE AREA:					
Petersburg	Rowan Mountain (Proposed)	SW4, Sec. 6, T60S, R71E, CRM 56° 42' 08" N, 134° 17' 50" W. Categorically Excluded by Stikine Area in SA letter of 1/9/92.		Forest Service-CA, APC (VHF)	3,210
Wrangell	Tyee (Proposed)	NE4, Sec. 26, T65S, R90E, CRM 56° 12' 25" N, 131° 26' 15" W		AK Power Authority	4,716
Wrangell	Woronkofski	NW4SE4, Sec. 20, T63S, R83E, CRM 56° 23' 15" N, 132° 29' 15" W. Being analyzed for communication site designation in a separate site-specific analysis.			3,204
CHATHAM AREA:					
Sitka	Sukoi	SW4, Sec. 9, T53S, R61E, CRM 57° 17' 01" N, 135° 43' 39" W. Uses were approved by a 3/10/83 Forest Supervisor Decision Notice/FONSI.	1	FAA	1,897
Sitka	Doolith Mountain (Proposed)	SW4, Sec. 25, T48S, R57E, CRM 57° 40' 30" N, 136° 06' 40" W. Non-NFS patented mining claim.		Forest Service	2,159
Sitka	Catherine Island	NE4, Sec. 19, T52S, R62E, CRM 57° 20' 51" N, 134° 52' 00" W	1	Forest Service	2,256
Hoonah	Seal Mtn.	NE4, Sec. 11, T45S, R63E, CRM 57° 59' 35" N, 135° 09' 12" W	5	Forest Service	3,250
Juneau	Lynn's Intersection (Pt. Howard)	W2SW4, Sec. 31, T40S, R63E, CRM 58° 21' 32.40" N, 135° 04' 58.20" W	0.5	FAA	1,480
Juneau	Saddle Mtn. (Proposed)	SE4, Sec. 19, T41S, R67E, CRM 58° 17' 52" N, 134° 30' 30" W. Site was conveyed to the State of Alaska.	1	AK State Troopers (VHF radio relay)	3,068
KETCHIKAN AREA:					
Craig	12-Mile	55° 18' 50" N, 132° 47' 10" W		Forest Service	2,351
Craig	Sunny Hay Mountain (Proposed)	55° 28' 05" N, 133° 05' 10" W. Non-NFS Native land.		Forest Service	2,500
Craig	Polk (Proposed)	55° 22' 30" N, 132° 33' 00" W		Forest Service	2,925
Ketchikan	Black Mountain #2	55° 16' 50" N, 131° 23' 55" W		Forest Service	2,058
Ketchikan	Mount Burnette	55° 44' 50" N, 132° 05' 20" W		Forest Service	2,450
Ketchikan	Orchard	55° 50' 10" N, 131° 21' 05" W		Forest Service	2,850
Ketchikan	Gedney Pass	55° 49' 30" N, 131° 36' 00" W	.01	Communications Unlimited, Inc.	3,014
Ketchikan	Swan Lake	55° 36' 54" N, 131° 23' 10" W	.01	Ketchikan Public Util.	3,020
Ketchikan	Behm Canal/ Cleveland Peninsula	55° 46' 45" N, 131° 47' 00" W	.01	Forest Service	2,850
Thorne Bay	Twin Peaks	55° 46' 00" N, 133° 08' 30" W		Forest Service	2,271
Thorne Bay	Setters Lake	SE4, Sec. 32, T71S, R84E, CRM 55° 40' 02" N, 132° 33' 18" W	0.92	Alascom	800
Thorne Bay	Thorne Bay Hill	55° 44' 30" N, 132° 45' 30" W		Forest Service	1,100
Thorne Bay	Red Bay Mountain	56° 15' 20" N, 133° 24' 30" W. (Stikine Area analyzed this site through NTIA.)		Forest Service	2,800
Misty Fiords	Boca	55° 22' 15" N, 130° 28' 00" W		Forest Service	3,645
Misty Fiords	Punchbowl	55° 30' 45" N, 130° 48' 32" W		Forest Service	2,450
Misty Fiords	Bakewell	55° 16' 30" N, 130° 41' 30" W		Forest Service	2,000
LANDS LOCATED OUTSIDE THE TONGASS N.F.:					
Haines State Forest	Rainbow Glacier (Proposed)	SW4, Sec. 33, T31S, R59E, CRM 59° 08' 26" N, 135° 29' 31" W. Non-NFS State land.		Forest Service-CA	3,472

¹ The sites listed in Table 4 have not yet been designated as electronic sites. Future designation (if desirable) will require a separate analysis.

Electronic Sites